

# PERCENT STUDENT STATION UTILIZATION OF OCCUPIED CLASSROOMS AND CLASS LABORATORIES

## TABLE 7

The statistics which reflect percent of student utilization are extremely valuable when planning new facilities. They provide a general guide for the need for various sizes of classrooms and laboratories. The comparison between how well the teaching facilities accommodate the size of the classes being conducted in them is helpful; however, the ratio does not indicate how efficiently the facilities are being used. It must be noted that data in Table 7 only include rooms which are in use (scheduled), and is, therefore, an indication of how the capacity of the room is matched to the number of students in the class.

The percent of student station utilization is derived from the ratio of the total student hours of instruction to the potential student hours of instruction. The total student hours of instruction is defined as the enrollment of the class multiplied by the hours the class meets per day which is then multiplied by the number of days per week the class meets. The potential student hours of instruction is defined as the number of hours that the course meets each week, rounded to the nearest half hour, multiplied by the number of days per week the class meets. This figure is then multiplied by the capacity of the room.

Norm: Classrooms - 60% Student Station Utilization  
Laboratories - 80% Student Station Utilization

$$\text{Percent Student Station Utilization} = \frac{\text{Total Student Hours of Instruction}}{\text{Potential Student Hours of Instruction}}$$

As we continue with the sample data:

ENROLL- MENT	ROOM TYPE	CAPACITY	
33	110	3 days * 1 hour * 33 = 99	50
40	110	2 days * 1.5 hr * 40 = 120	50
46	110	3 days * 1 hour * 46 = 138	50
26	110	2 days * 1.5 hr * 26 = 78	50
52	110	3 days * 1 hour * 52 = 156	50

3 days * 1 hour * 50 = 150
2 days * 1.5 hr * 50 = 150
3 days * 1 hour * 50 = 150
2 days * 1.5 hr * 50 = 150
3 days * 1 hour * 50 = 150

45	110	3 days * 1 hour * 45 = 135	50	3 days * 1 hour * 50 = 150
54	110	2 days * 1.5 hr * 54 = 162	50	2 days * 1.5 hr * 50 = 150
26	110	3 days * 1 hour * 26 = 78	50	3 days * 1 hour * 50 = 150
30	110	3 days * 1 hour * 30 = 90	50	3 days * 1 hour * 50 = 150
39	110	2 days * 1.5 hr * 39 = 117	50	2 days * 1.5 hr * 50 = 150

TOTALS 1,173

1,500

17	210	1 day * 3 hrs * 17 = 51	24	1 day * 3 hrs * 24 = 72
14	210	1 day * 3 hrs * 14 = 42	24	1 day * 3 hrs * 24 = 72
25	210	3 days * 1 hour * 25 = 75	40	1 day * 3 hrs * 40 = 120
35	210	3 days * 1 hour * 35 = 105	40	1 day * 3 hrs * 40 = 120
30	210	2 days * 1.5 hr * 30 = 90	40	1 day * 3 hrs * 40 = 120
29	210	1 day * 3 hrs * 29 = 87	40	1 day * 3 hrs * 40 = 120
21	210	1 day * 3 hrs * 21 = 63	40	1 day * 3 hrs * 40 = 120
22	210	1 day * 3 hrs * 22 = 66	40	1 day * 3 hrs * 40 = 120
13	210	1 day * 3 hrs * 13 = 39	24	1 day * 3 hrs * 24 = 72
16	210	1 days * 3 hrs * 16 = 48	24	1 day * 3 hrs * 24 = 72

TOTALS 666

1,008

Total Student Hours in Classrooms = 1173

----- = .782 or 78%

Capacity in Classrooms = 1500

Total Student Hours in Class Laboratories = 666

----- = .660 or 66%

Capacity in Class Laboratories = 1008

The report for one institution would look like this:

	FTE	CLASSROOMS	LABORATORIES
Institution	5,411	78.2	66.0

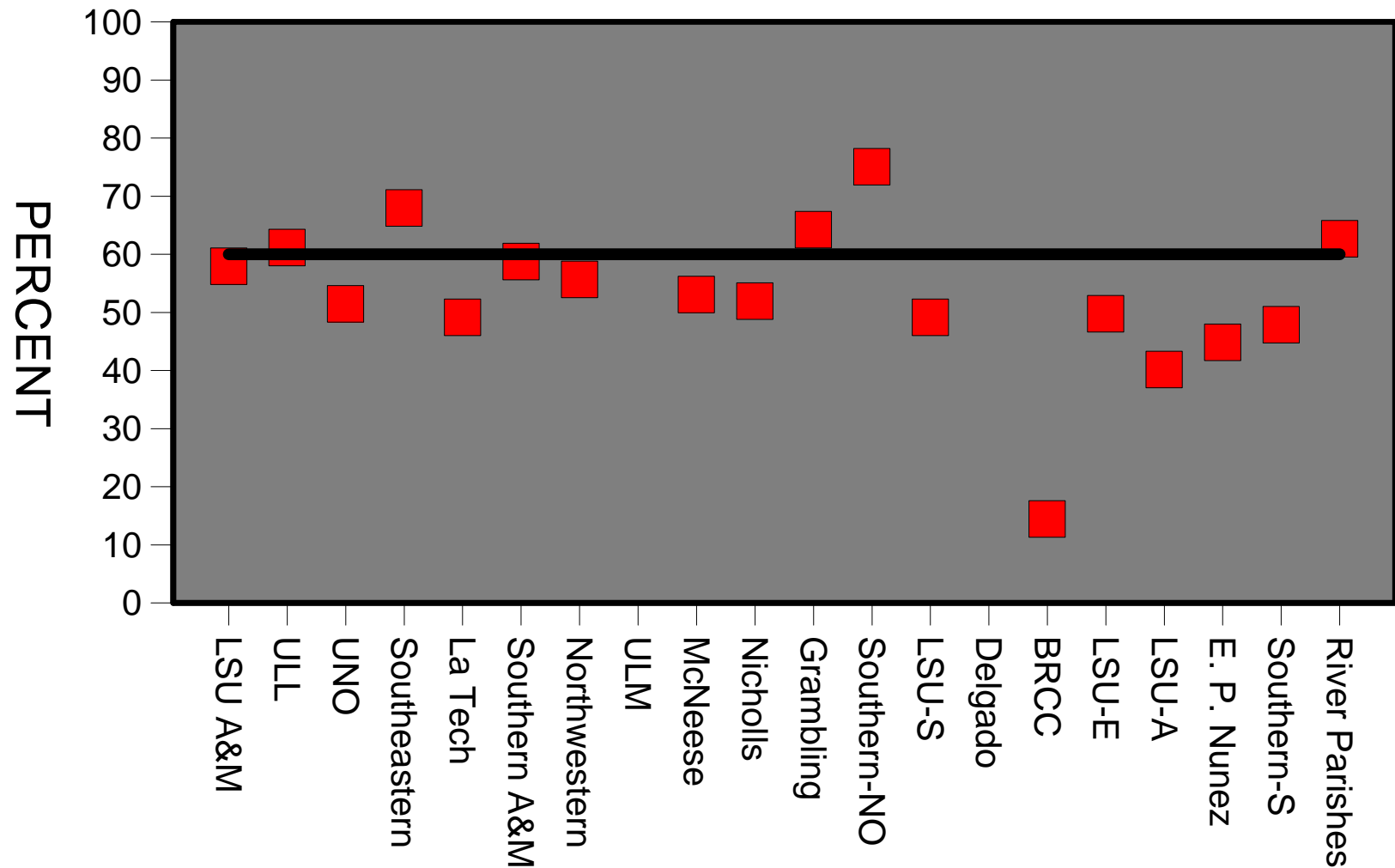
**TABLE 7**  
**PERCENT STUDENT STATION UTILIZATION OF OCCUPIED**  
**CLASSROOMS AND CLASS LABORATORIES**

INSTITUTION	FTE	CLASSROOMS					LABORATORIES				
		2001	2000	1999	1998	1997	2001	2000	1999	1998	1997
PUBLIC FOUR YEAR INSTITUTIONS											
LSU A&M (Including Ag. & Law)	29,277	58.0	63.7	60.7	61.6	56.6	59.5	63.6	86.5	62.0	60.6
University of Louisiana in Lafayette	13,281	61.2	61.0	66.0	63.4	60.4	68.1	68.8	69.0	68.9	67.0
University of New Orleans	12,515	51.5	51.5	49.2	53.0	52.2	75.8	75.8	87.1	68.1	68.4
Southeastern Louisiana University	12,365	68.0	67.6	66.8	69.9	70.2	69.5	52.5	62.1	64.0	63.7
Louisiana Tech University	9,541	49.2	52.2	53.2	48.6	46.6	53.3	47.9	55.0	47.2	54.4
Southern University A&M	8,442	58.8	64.8	**	64.8	64.8	73.8	82.6	**	81.9	82.6
Northwestern State University	7,943	55.7	48.9	45.7	47.0	53.6	46.3	52.8	51.9	46.1	47.1
University of Louisiana in Monroe	7,618	**	54.3	51.9	56.4	56.2	**	67.9	69.5	65.4	61.5
McNeese State University	6,791	53.1	52.6	53.1	46.4	45.6	37.5	38.8	42.6	40.6	41.0
Nicholls State University	6,038	52.0	53.3	53.3	55.7	50.5	50.9	45.9	47.8	45.9	45.3
Grambling State University	4,169	64.3	39.8	45.0	44.0	40.9	71.9	56.7	63.2	68.2	62.2
Southern University at New Orleans	3,064	75.1	76.9	80.7	51.5	48.0	112.7	112.8	125.6	77.0	74.6
LSU in Shreveport	2,863	49.2	47.0	**	45.0	42.9	58.6	58.0	**	61.9	54.7
PUBLIC TWO YEAR INSTITUTIONS											
Delgado Community College	8,535	**	61.0	61.2	61.6	63.4	**	59.8	58.3	48.7	47.6
Baton Rouge Community College	2,127	14.5	85.6	82.2			21.4	89.6	96.6		
LSU at Eunice	1,963	49.8	46.0	53.6	45.2	48.1	51.6	40.4	73.8	55.1	55.6
LSU at Alexandria	1,716	40.2	41.2	47.8	44.3	50.2	62.2	66.8	74.0	53.9	57.4
Elaine P. Nunez Community College	1,322	44.9	72.2	**	**	**	73.9	60.8	**	**	**
Southern University at Shreveport	1,134	47.9	43.9	46.2	41.7	40.5	69.8	57.2	59.4	55.1	62.6
River Parishes Community College	258	62.7	59.3	46.2	41.7	40.5	54.1	62.5	59.4	55.1	62.6

\*DOES NOT INCLUDE SATURDAY CLASSES

\*\*NOT AVAILABLE

# PERCENT STUDENT STATION UTILIZATION OF OCCUPIED CLASSROOMS (TABLE 7) 2001



## PERCENT STUDENT STATION UTILIZATION OF OCCUPIED CLASS LABS (TABLE 7) 2001

